<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District III

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District III

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 478-3470 Fax:(505) 478-3482

State of New Mexico **Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-101 August 1, 2011

Permit 224052

	lame and Address IACK ENERGY CORP			IIT TO DRILL, RE		•	•	2. OGRID Number 13837	
P	O Box 960							3. API Number	
	rtesia, NM 88211							30-005-6	4294
Property Co.	ode 16527	5. Pro	operty Name AJAX STAT	E				6. Well No. 001	
			200	7. Sui	face Location	80	20	2	20
JL - Lot A	Section 36	Township 15S	Range 28E	Lot Idn A	Feet From 330	N/S Line N	Feet From 30	0 E/W Line	County
	95	123	20	0 Drangard	Bottom Hole Loc	ation	-	29	20
IL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Α	The second secon	158	28E		330	N	30		Chaves
	'		1	9 Po	ol Information	'			-
ROUND TA	ANK;SAN ANDRES			9. PO	or information			52770	
				Additiona	Well Informatio	n			
1. Work Type	e ·	12. Well Type	1	13. Cable/Rotary	I Well illioilliatio	14. Lease Type	15.	Ground Level Elevation	
	ew Well	OIL				State		3661	
6. Multiple		17. Proposed Dept	th	18. Formation	8	19. Contractor	20.	Spud Date	
N 3500 San Andres				San Andres Distance from nearest fre			-	9/1/2016 tance to nearest surface	
Depth to Grou	uriu water			Distance from nearest fre	sn water well		Dis	tarice to riearest surface	water
	e using a closed-loo	p system in lieu o		Distance from nearest fre	sn water well		Dis	tarice to riearest surface	waler
		p system in lieu o				Drogram	013	lance to hearest surface	water
We will be			f lined pits	21. Proposed Cas	ing and Cement		Sacks of		Estimated TOC
	e using a closed-loo	p system in lieu o	f lined pits		ing and Cement	Program g Depth 50		Cement	
We will be	e using a closed-loo	Casing Size	f lined pits	21. Proposed Cas Casing Weight/ft	ing and Cement Setting	g Depth	Sacks of	Cement 0	Estimated TOC
We will be Type Surf	e using a closed-loo Hole Size 12.25	Casing Size 8.625	f lined pits	21. Proposed Cas Casing Weight/ft 24 17	Setting and Cement Setting 4	g Depth 50 500	Sacks of	Cement 0	Estimated TOC
We will be Type Surf Prod	e using a closed-loo Hole Size 12.25	Casing Size 8.625 5.5	f lined pits	21. Proposed Cas Casing Weight/ft 24 17 Casing/Cement Pro	sing and Cement Setting 4 35 gram: Additional	Depth 50 Comments	Sacks of 40	Cement 0 5	Estimated TOC 0 0
Type Surf Prod	Hole Size 12.25 7.875	Casing Size 8.625 5.5	f lined pits	21. Proposed Cas Casing Weight/ft 24 17 Casing/Cement Pro	sing and Cement Settin 4 3: gram: Additional 7 7/8" hole to 350	g Depth 50 500 Comments 00', run 5 1/2" casi	Sacks of 40	Cement 0 5	Estimated TOC 0 0
Type Surf Prod	Hole Size 12.25 7.875 gy proposes to drill a 1	Casing Size 8.625 5.5	f lined pits	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Prog and cement. Drill a 22. Proposed Blo	sing and Cement Settin 4 3: gram: Additional 7 7/8" hole to 350	g Depth 50 500 Comments 00', run 5 1/2" casi	Sacks of 40 62 ing and cement	Cement 0 5	Estimated TOC 0 0
We will be Type Surf Prod	Hole Size 12.25 7.875 gy proposes to drill a 1	Casing Size 8.625 5.5	f lined pits	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Pro g and cement. Drill a 22. Proposed Blo forking Pressure	sing and Cement Settin 4 3: gram: Additional 7 7/8" hole to 350	g Depth 50 500 Comments 00', run 5 1/2" cas Program	Sacks of 40 62 ing and cement	Cement 0 5	Estimated TOC 0 0
We will be Type Surf Prod	Hole Size 12.25 7.875 gy proposes to drill a 1	Casing Size 8.625 5.5	f lined pits	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Prog and cement. Drill a 22. Proposed Blo	sing and Cement Settin 4 3: gram: Additional 7 7/8" hole to 350	g Depth 50 500 Comments 00', run 5 1/2" casi	Sacks of 40 62 ing and cement	Cement 0 5	Estimated TOC 0 0
Type Surf Prod	Hole Size 12.25 7.875 gy proposes to drill a 1	Casing Size 8.625 5.5 5.5 12 1/4" hole to 450"	f lined pits	21. Proposed Cas Casing Weight/ft 24 17 Casing/Cement Pro g and cement. Drill a 22. Proposed Blo forking Pressure 3000	sing and Cement Settin 4 33 gram: Additional 7 7/8" hole to 350 wout Prevention	g Depth 50 500 Comments 00', run 5 1/2" cas Program Test Pn 300	Sacks of 40 62 ing and cement essure	Cement 0 5	Estimated TOC 0 0
Type Surf Prod lack Energ	Hole Size 12.25 7.875 gy proposes to drill a 1 Type Double Ram c certify that the inform and belief.	Casing Size 8.625 5.5 5.5 12 1/4" hole to 450"	f lined pits (, run 8 5/8" casin w	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Progrand cement. Drill a 22. Proposed Blooking Pressure 3000 lete to the best of my	sing and Cement Settin 4 33 gram: Additional 7 7/8" hole to 350 wout Prevention	g Depth 50 500 Comments 00', run 5 1/2" cas Program Test Pn 300	Sacks of 40 62 ing and cement essure	Cement 0 5 . Put well on product	Estimated TOC 0 0
Type Surf Prod a. I hereby nowledge further ce	Hole Size 12.25 7.875 gy proposes to drill a 1 Type Double Ram certify that the inform and belief.	Casing Size 8.625 5.5 5.5 12 1/4" hole to 450"	f lined pits (, run 8 5/8" casin w	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Progrand cement. Drill a 22. Proposed Blooking Pressure 3000 lete to the best of my	sing and Cement Settin 4 33 gram: Additional 7 7/8" hole to 350 wout Prevention	g Depth 50 500 Comments 00', run 5 1/2" cas Program Test Pn 300	Sacks of 40 62 ing and cement essure	Cement 0 5 . Put well on product	Estimated TOC 0 0
Type Surf Prod lack Energ	Hole Size 12.25 7.875 gy proposes to drill a 1 Type Double Ram c certify that the inform and belief.	Casing Size 8.625 5.5 5.5 12 1/4" hole to 450"	f lined pits (, run 8 5/8" casin w	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Progrand cement. Drill a 22. Proposed Blooking Pressure 3000 lete to the best of my	sing and Cement Settin 4 33 gram: Additional 7 7/8" hole to 350 wout Prevention	g Depth 50 500 Comments 00', run 5 1/2" cas Program Test Pn 300	Sacks of 40 62 ing and cement essure	Cement 0 5 . Put well on product	Estimated TOC 0 0
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Type Surf Prod lack Energian I hereby nowledge further cemack MAC M, it ignature:	Hole Size 12.25 7.875 gy proposes to drill a 1 Type Double Ram certify that the inform and belief. ertify I have complied f applicable.	Casing Size 8.625 5.5 5.5 12 1/4" hole to 450"	r lined pits (a), run 8 5/8" casin w is true and comp A) NMAC and	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Progrand cement. Drill a 22. Proposed Blooking Pressure 3000 lete to the best of my	sing and Cement Settin 4 33 gram: Additional 7 7/8" hole to 350 wout Prevention	g Depth 50 500 Comments 00', run 5 1/2" cas Program Test Pn 300	Sacks of 40 40 62 ing and cement essure 00 OIL CONSERV	Cement 0 5 . Put well on product	Estimated TOC 0 0
Type Surf Prod Ack Energian I hereby nowledge further ce iMAC M, it	Hole Size 12.25 7.875 gy proposes to drill a 1 Type Double Ram certify that the inform and belief. ertify I have complied f applicable.	Casing Size	r lined pits (a), run 8 5/8" casin w is true and comp A) NMAC and	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Progrand cement. Drill a 22. Proposed Blooking Pressure 3000 lete to the best of my	gram: Additional 7 7/8" hole to 35/	g Depth 50 500 Comments 00', run 5 1/2" cas Program Test Pr 300	Sacks of 40 62 ing and cement essure 00 OIL CONSERV	Cement 0 5 . Put well on product	Estimated TOC 0 0
Type Surf Prod //ack Energy .a. I hereby .nowledge further ce	Hole Size 12.25 7.875 gy proposes to drill a 1 Type Double Ram certify that the inform and belief. ertify I have complied f applicable. Electronically Production C	Casing Size 8.625 5.5 12 1/4" hole to 450' nation given above in the state of the s	r lined pits (a), run 8 5/8" casin w is true and comp A) NMAC and	21. Proposed Cast Casing Weight/ft 24 17 Casing/Cement Progrand cement. Drill a 22. Proposed Blooking Pressure 3000 lete to the best of my	gram: Additional 7 7/8" hole to 35/4 wout Prevention Approved By:	Paul Kaut Geologist	Sacks of 40 62 ing and cement 20 OIL CONSERV	Cement 0 5 . Put well on product	Estimated TOC 0 0 ion. Manufacturer

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State of New Mexico **Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name			
30-005-64294	52770	ROUND TANK;SAN ANDRES			
4. Property Code	5. Property Name	6. Well No.			
316527	AJAX STATE	001			
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3661			

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	15S	28E	A	330	N	300	E	Chaves

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres		13. Joint or Infill		14. Consolidation Code		15. Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY

<u> </u>	THE DIVISION
	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
	E-Signed By: Jerry Sherrell
	Title: Production Clerk
	Date: 7/22/2016
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
	Surveyed By: Frank Jaramillo
	Date of Survey: 7/6/2016
	Certificate Number: 12797

Form APD Comments

Permit 224052

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

PERMIT COMMENTS

Operator Name and Address:	API Number:	
MACK ENERGY CORP [13837]	30-005-64294	
PO Box 960	Well:	
Artesia, NM 88211	AJAX STATE #001	

Created By	Comment	Comment Date
jwsherrell	H2S concentrations of well in this area are low enough from surface to TD that a contingency plan is not required.	7/22/2016

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Permit 224052

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
MACK ENERGY CORP [13837]	30-005-64294
	Well:
Artesia, NM 88211	AJAX STATE #001

OCD Reviewer	Condition
kjones	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
kjones	Cement is required to circulate on both surface and production strings of casing
kjones	If cement fails to circulate, must run a temperature survey.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.